MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

OCTOBER, 1935

J. A. BROWN, DIRECTOR

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OCTOBER 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	60.6	59.6	60.2	60.1	27.1	19.9	25.4	26.5	23.2	25.0
2	0.2	8.7	58.8	59.2	29.2	22.2	25.8	27.8	25.2	26.3
3	58.5	9.2	61.1	9.6	30.1	23.8	25.9	26.6	25.1	25.9
4	61.1	8.9	59.6	9.9	28.9	23.6	25.7	28.4	25.4	26.5
5	0.5	9.6	9.8	60.0	29.9	22.4	27.2	29.0	24.2	26.8
6	60.1	59.3	59.1	59.5	29.4	21.6	26.0	26.1	23.2	25.1
7	59.6	8.9	9.4	9.3	29.6	21.3	26.2	29.2	23.1	26.2
8	60.7	9.8	60.5	60.3	28.9	21.1	25.4	28.2	24.4	26.0
9	0.8	9.9	0.3	0.3	29.2	21.8	26.6	28.4	24.8	26.6
10	1.0	9.8	59.8	0.2	29.2	21.7	26.4	28.7	23.4	26.2
11	60.4	59.5	59.8	59.9	28.9	21.1	26.6	27.8	24.3	26.2
12	59.9	8.9	9.2	9.3	28.9	22.0	26.1	28.3	23.3	25.9
13	60.7	9.6	60.1	60.1	29.4	22.9	25.6	27.7	24.6	26.0
14	2.6	60.7	0.2	1.2	25.6	22.1	22.9	25.6	24.7	24.4
15	0.6	59.9	0.0	0.2	29.1	22.7	25.6	27.5	23.9	25.7
16	60.9	60.2	60.0	60.4	29.4	23.3	26.6	28.6	25.3	26.8
17	0.3	59.8	59.2	59.8	28.3	21.8	26.9	27.1	24.9	26.3
18	0.3	9.4	9.6	9.8	28.3	21.6	26.0	27.2	23.3	25.5
19	59.7	8.8	9.6	9.4	28.7	20.7	25.6	27.4	23.0	25.3
20	60.3	8.9	9.3	9.5	27.2	16.7	24.7	25.5	23.9	24.7
21	61.8	62.2	63.3	62.4	26.3	19.3	23.3	23.9	21.2	22.8
22	4.8	3.8	4.4	4.3	26.0	19.3	24.1	25.4	22.6	24.0
23	3.8	2.1	2.2	2.7	25.1	18.8	23.9	24.6	22.1	23.5
24	0.8	59.3	59.8	0.0	26.6	19.9	23.2	24.8	22.3	23.4
25	0.6	60.0	60.9	0.5	26.7	19.7	23.8	26.1	21.7	23.9
26	60.9	61.8	62.3	61.7	26.6	19.6	23.9	26.1	21.6	23.9
27	2.7	2.0	2.1	2.2	25.4	19.7	22.6	24.3	20.7	22.5
28	59.8	56.2	54.8	2.2	27.5	21.8	23.2	26.3	27.4	25.6
29	6.4	5.9	6.3	56.2	25.1	19.6	23.8	22.4	21.9	22.7
30	3.6	1.0	1.9	2.2	24.9	16.0	21.0	23.4	17.6	20.7
31	4.9	56.2	7.3	6.1	22.4	16.7	17.5	19.2	17.8	18.2
	760.28	759.35	759.70	759.95	27.67	20.90	24.76	26 30	23.23	24.76

Barometer, range for month 751.0 mm. –764.8 mm.
,, 50-yr. average for month 761.473 mm.
Thermometer, Range for month 16.0 C.—30.1 C.
,, 50-yr. average for month 24.48 C.
Rain, total for month 72.341 mm.
,, , 50-yr. average for month 52.58 mm.
,, , total, Sept. 1st to end of month 78.685 mm.
50-yr. average, Sept. 1st to end of month 59.95 mm

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elas city of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	18.1	19.2	16.3	11.2	12.0	9.9	11.0	47	47	47	47	11.3	
2	17.9	20.7	20.4	10.7	13.4	14.5	12.9	44	49	61	51	10.8	
3	20.6	22.3	21.7	14.3	16.7	16.6	15.9	57	64	70	64	4.5	
4	22.2	26.4	22.7	17.2	23.6	18.4	19.7	70	82	76	76	7.8	0.178
5	25.6	24.1	22.0	22.8	18.4	17.9	19.7	85	62	80	76	10.8	
6	22.1	23.3	17.3	16.7	19.0	11.2	15.7	67	75	54	65	9.8	
7	21.7	23.2	21.1	15.9	16.6	17.0	16.5	63	54	81	66	9.8	
8	22.1	23.3	21.8	17.2	17.4	17.3	17.3	71	62	76	70	10.5	
9	22.3	23.6	22.3	16.7	17.8	17.9	17.4	63	62	77	67	10.6	
10	22.7	23.7	20.9	17.6	17.9	16.5	17.3	69	60	77	69	10.5	
11	22.6	22.8	21.2	17.2	16.9	16.3	16.8	66	60	73	66	10.5	
12	21.6	22.8	21.1	15.8	16.4	16.9	16.4	62	57	79	66	10.3	
13	22.3	24.3	22.9	17.4	19.7	19.5	18.9	71	72	85	76	7.5	
14	21.1	22.1	21.7	17.1	17.1	17.0	17.1	83	70	73	75	5.1	7.313
15	21.6	23.3	22.4	16.2	17.9	18.8	17.6	67	66	85	73	10.6	
16	22.6	24.2	21.6	17.2	18.9	17.1	17.7	65	64	76	68	10.6	
17	21.3	22.7	21.7	14.9	17.1	16.8	16.3	56	64	71	64	8.9	
18	22.3	23.9	21.8	17.3	19.7	18.1	18.4	69	75	85	76	10.3	
19	22.3	24.2	22.1	17.5	19.7	19.0	18.7	72	72	91	78	8.0	
20	21.8	22.2	21.5	17.1	17.2	17.2	17.2	74	71	78	74	10.3	
21	20.9	21.3	19.7	16.6	16.8	16.0	16.4	78	76	85	80	7.5	27.815
22	20.4	21.1	19.8	15.1	15.5	15.0	15.2	68	64	75	69	10.4	
23	19.0	20.4	19.9	13.1	14.9	15.7	14.6	59	65	80	68	10.5	
24	19.4	21.1	21.0	14.1	15.8	17.4	15.8	67	68	87	74	10.5	
25	20.6	21.6	20.1	15.7	15.9	16.1	15.9	71	63	84	73	10.2	
26	21.7	22.4	20.1	17.5	17.4	16.3	17.0	79	69	85	78	9.5	
27	19.3	20.2	18.2	16.2	14.6	13.7	14.8	79	65	76	73	9.7	
28	19.9	20.7	18.3	14.9	14.2	10.6	13.4	70	56	39	55	4.1	
29	20.8	15.7	18.9	16.0	11.0	14.0	13.7	72	64	71	69	0.6	6.10
30	18.0	16.7	16.1	13.3	10.3	12.6	12.1	72	48	84	68	2.1	12.774
31	17.1	15.5	16.4	14.2	10.8	12.9	12.6	95	66	85	82	3.9	18.161
				15.95	16.46	15.95	16.13	68.7	64.3	75.7	69.6	8.63	2.33

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	0	0	0	0.0	4n	4n	4n	237.7	rough	
2	0	0	0	0.0	1n	2n	4n	140.2	mod.	
3	10cu	7cu	10cu	9.0	2n	2n	1w	67.9	„	
4	7cu	1cu	0	2.7	4n	4n	5n	234.9	rough	
5	1cu	1cu	1cu	1.0	1n	1n	1n	46.6	light	
6	1cu	1cu	0	0.7	1n	1w	1w	42.9	slight	
7	2stcu	1cu	1cu	1.3	1w	2w	1w	109.6	„	
8	2cu	1cu	10cu	4.3	1w	1w	2w	35.3	„	
9	1cu	1cu	1cu	1.0	1n	2n	3n	65.2	mod.	
10	0	2cu	1cu	1.0	1s	1n	1n	19.3	light	
11	1cu	2cu	1cu	1.3	0	1n	3n	30.0	„	
12	0	0	2cu	0.7	0	1w	0	69.2	„	
13	5cu	6cu	4cu	5.0	0	1n	0	106.2	mod.	
14	10cu	6cu	4cu	6.7	1n	2n	1n	176.7	rough	
15	2cu	5cicu	0	2.3	0	0	2n	111.3	light	
16	0	0	0	0.0	1n	3n	1n	192.0	rough	
17	3cu	4cu	0	2.3	0	3n	2n	296.7	„	l't'g in N; tr. rain
18	1cu	0	0	0.3	1n	0	1n	110.0	mod.	
19	1cu	2cu	2cu	1.7	0	1w	0	167.0	light	
20	0	2cu	2cu	1.0	0	0	3n	49.4	mod.	
21	7cu	7cu	3cu	5.7	0	0	0	208.9	light	hail; contin. l't'g
22	1cu	1cu	1cu	1.0	0	1n	3n	50.9	mod.	& th'r
23	1ci	0	0	0.3	0	2n	0	170.4	„	
24	0	0	0	0.0	0	1w	1n	98.1	„	
25	0	0	0	0.0	1w	1n	0	57.6	light	
26	1cu	1ci	0	0.7	1w	1w	0	43.7	slight	
27	2cuci	6cu	0	2.7	1n	1n	0	159.6	light	
28	7cu	5cuci	10cu	7.3	2w	0	1n	244.6	„	tr. rain
29	10cu	10cu	6cu	8.7	2w	4w	1w	556.3	rough	l't'g in eve.
30	8cu	6cu	10cu	8.0	3s	7sw	5sw	1070.4	stormy	„ fog o'er sea gale
31	10cu	7stcu	0	5.7	3sw	0	1s	604.0	„	thin fg. o'er sea a.m.
				2.64	1.1	1.6	1.5	179.8		

3 5 5

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	11	0	0	0	2	1	6	0	11	31
14:30	16	0	0	0	0	1	8	0	6	31
20:30	16	0	0	0	1	1	5	0	8	31
Totals	43	0	0	0	3	3	19	0	25	93

Number of days with rain 6, fog 2, thunderstorms 1, gales 1.

50-yr. average number of days with rain during month 3.5